

LITTLE COLORADO RIVER BASIN

09400730 LOCKETT FANNING DIVERSION AT FLAGSTAFF, AZ

LOCATION.--Lat 35°13'19", long 111°35'58", in NW¹/₄NE¹/₄ sec.12, T.21 N., R.7 E., Coconino County, Hydrologic Unit 15020015, at Linda Vista Drive in Flagstaff.

DRAINAGE AREA.--1.05 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1969	09-12-69	85		1975	00-00-75	0	
1970	09-05-70	65		1976	07-14-76	46	
1971	08-22-71	66		1977	08-09-77	1.0	ES
1972	00-00-72	0		1978	07-26-78	54	
1973	07-16-73	17		1979	12-18-78	46	
1974	08-06-74	2.0	ES	1980	00-00-80	0	

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50	100
50%	20%	10%	4%	2%	1%
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Weighted skew	(logs) =	---			
Mean	(logs) =	---			
Standard dev.	(logs) =	---			

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
928	2.0	8,020	100	3.0	20.0	2.0	4.0

